

LEAD STORAGE BATTERY

Patent Number: JP55091564
Publication date: 1980-07-11
Inventor(s): TSUBOTA MASAATSU; others: 01
Applicant(s): JAPAN STORAGE BATTERY CO LTD
Requested Patent: ☐ JP55091564
Application Number: JP19780165213 19781228
Priority Number(s):
IPC Classification: H01M2/16; H01M10/14
EC Classification:
Equivalents: JP60003741B

Abstract

PURPOSE:To lengthen life while maintaining its discharge performance by preventing the falling of active substance by using a structure in which the glass mat is made up of a dense layer and a rough layer and the dense layer is made to touch with the positive plate and also plate groups are pressed by a specific force.

CONSTITUTION:A glass mat is made up of the two layers, the dense layer 2 of 1-micron diameter small glass fibers and the rough layer 3 of approx. 19-micron diameter large glass fibers, in which the dense layer 2 is touched with the positive plate 1 and the rough layer 3 is faced the negative plate 5 through the separator 4. The element having such a structure is strongly pressed by a pressing force, or the pressing force of the glass mats 2 and 3 to the surface of the positive plate 1 of 20-80kg/dm² per unit area of plates at both ends of the element in the dry state before injecting liquid.

Data supplied from the esp@cenet database - 12